DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that: My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: REFLECTION TYPE LIQUID-CRYSTAL DISPLAY APPARATUS the specification of which is attached hereto unless the following box is checked: as United States Application Number or PCT International Application was filed on _ (if applicable). and was amended on . Number I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information of which is material to the patentability as defined in 37 CFR § 1.56. I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed. . Priority Not Claimed Prior Foreign Application(s) 9/March/2001 P2001-066652 Japan (Day/Month/Year Filed) (Number) (Country) (Day/Month/Year Filed) (Number) (Country) (Day/Month/Year Filed) (Number) (Country) L hereby claim the benefits under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below. (Filing Date) (Application Number) hereby claim the benefits under 35 U.S.C. § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application. (Status - patented, pending, abandoned) (Filing Date) (Application Number) (Status - patented, pending, abandoned) (Application Number) (Filing Date) hereby appoint John H. Mion, Reg. No. 18,879; Thomas J. Macpeak, Reg. No. 19,292; Robert J. Seas, Jr., Reg. No. 21,092; Darryl Mexic, Reg. No. 23,063; Robert V. Sloan, Reg. No. 22,775; Peter D. Olexy, Reg. No. 24,513; J. Frank Osha, Reg. No. 24,625; Waddell A. Biggart, Reg. No. 24,861; Louis Gubinsky, Reg. No. 24,835; Neil B. Siegel, Reg. No. 25,200; David J. Cushing, Reg. No. 28,703; John R. Inge, Reg. No. 26,916; Joseph J. Ruch, Jr., Reg. No. 26,577; Sheldon I. Landsman, Reg. No. 25,430; Richard C. Turner, Reg. No. 29,710; Howard L. Bernstein, Reg. No. 25,665; Alan J. Kasper, Reg. No. 25,426; Kenneth J. Burchfiel, Reg. No. 31,333; Gordon Kit, Reg. No. 30,764; Susan J. Mack, Reg. No. 30,951; Frank L. Bernstein, Reg. No. 31,373; Mark Boland, Reg. No. 32,197; William H. Mandir, Reg. No. 32,165; Scott M. Doniele, Reg. No. 32, 263; Rej. W. Harris, Reg. No. 32,765; Park L. Bernstein, Reg. No. 32,765; Pa Daniels, Reg. No. 32,562, Brian W. Hannon, Reg. No. 32,778, Abraham J. Rosner, Reg. No. 33,276; Bruce E. Kramer, Reg. No. 33,725; Paul F. Neils, Reg. No. 33,102, Brett S. Sylvester, Reg. No. 32,765 and Robert M. Masters, Reg. No. 35,603; my attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and request that all correspondence about the application be addressed to SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLLC, 2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037. I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. Ariyoshi March 1, 2002 First Inventor Last Name First Name Osaka, Residence Post Office Address c/o Nitto Denko Corporation, Japan Shimohozumi 1-chome, Ibaraki-shi, Citizenship_ Osaka, Japan March 1, 2002 Abe Hideo Second Inventor_ Last Name First Name Idide 0 Osaka, Signature Residence Post Office Address c/o Nitto Denko Corporation, 1-2, Shimohozumi 1-chome, Ibaraki-shi, Japan Citizenship.

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